

0590
1011

Page 1 of 4

AFY

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/888,264

DATE: 10/01/2001

TIME: 10:52:55

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\10012001\I888264.raw

3 <110> APPLICANT: Adams, Sean
4 Yu, Xiang Xian
6 <120> TITLE OF INVENTION: CONTROL OF METABOLISM WITH COMPOSITIONS OF THE HUMAN 2-OXOGLUTARATE

ENTERED

7 CARRIER
9 <130> FILE REFERENCE: 10466/35
11 <140> CURRENT APPLICATION NUMBER: 09/888,264
C--> 12 <141> CURRENT FILING DATE: 2001-09-17
14 <150> PRIOR APPLICATION NUMBER: 60/213,307
15 <151> PRIOR FILING DATE: 2000-06-22
17 <160> NUMBER OF SEQ ID NOS: 2

19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1123

23 <212> TYPE: DNA

24 <213> ORGANISM: Homo sapiens; GenBank NM_003562
26 <400> SEQUENCE: 1

27	ccgaggggcca	ttgagttggcg	atggcgccga	cggcgagtgc	cggggcccg	gggatggacg	60
29	ggaagccccg	tacccccct	aagtccgtca	agttccctgtt	tgggggccctg	gccgggatgg	120
31	gagctacagt	ttttgtccag	ccctggacc	ttgtgaagaa	ccggatgcag	ttgagcgggg	180
33	aaggggccaa	gactcgagag	tacaaaacca	gcttccatgc	cctcaccagt	atcctgaagg	240
35	cagaaggcc	gaggggcatt	tacactgggc	tgtcggtctgg	cctgctgcgt	cagggcacct	300
37	acaccactac	ccgccttggc	atctataccg	tgctgtttga	gcgcctgact	ggggctgtatg	360
39	gtactcccc	tggctttctg	ctgaaggctg	tgattggcat	gaccgcaggt	gccactggtg	420
41	ccttgtggg	aacaccagcc	gaagtggctc	ttatccgcat	gactgccat	ggccggcttc	480
43	cagctgacca	gcgcgtggc	tacaaaatg	tgttaacgc	cctgattcga	atcacccggg	540
45	aagagggtgt	cctcacactg	tggcggggt	gcacccctac	catggctcg	gccgtcg	600
47	tcaatgctgc	ccagctcgcc	tcctactccc	aatccaaagca	gttcttactg	gactcaggct	660
49	acttctctga	caacatcctg	tgccacttct	gtgccagcat	gatcagcgt	cttgcacca	720
51	ctgctgcctc	catgcctgt	gacattgcca	agacccgaat	ccagaacatg	cgatgattg	780
53	atgggaagcc	ggaatacacaag	aacgggctgg	acgtgtgtt	caaagttgtc	cgctacgagg	840
55	gcttcttcag	cctgtggaag	ggcttcacgc	cgtactatgc	ccgcctggc	ccccacaccg	900
57	tcctcacctt	catcttcttg	gagcagatga	acaaggccta	caagcgtctc	ttcctcagtg	960
59	gctgaagcgt	ttcagggcac	acaggacagc	agaagatccc	ctttgtcagt	ggggaaacca	1020
61	aggcagagct	gaggggacag	ggaggagcag	aagccatcaa	gatggtcaaa	gggcctgcag	1080
63	agggagatgt	ggccttcctc	cccctcattg	aggactcaat	aaa		1123

66 <210> SEQ ID NO: 2

67 <211> LENGTH: 1503

68 <212> TYPE: DNA

69 <213> ORGANISM: Homo sapiens; GenBank AF070548

71 <400> SEQUENCE: 2

72	cctcgtgcca	ggcgtgcgcg	cgcctcgct	ctgttgcgcg	cgcgggtgtca	ccttgggcgc	60
74	gagcgccgcac	gggacccgga	gccgaggcc	attgagtgcc	gatggcgccg	120	
76	acggcgagt	ccggggccgg	cggatagac	gggaagcccc	gtacccccc	taagtcgc	180
78	aagttctgt	ttggggccct	ggccggatgg	ggagctacag	ttttgtcca	gcccctggac	240
80	ctggtaaga	accggatgca	gttgagcgg	gaagggccca	agactcgaga	gtacaaaacc	300
82	agcttccatg	ccctcaccag	tatcctgaag	gcagaaggcc	tgagggcat	ttacactggg	360
84	ctgtcggtcg	gcctgcgtcg	tcaggccacc	tacaccacta	ccgccttgg	catctatacc	420

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/888,264

DATE: 10/01/2001
TIME: 10:52:55

Input Set : A:\PTO_VSK.txt
Output Set: N:\CRF3\10012001\I888264.raw

86	gtgctgtttg	agcgccctgac	tggggctgat	ggtaactcccc	ctggctttct	gctgaaggct	480
88	gtgattggca	tgaccgcagg	tgccactgg	gccttgg	gaacaccagc	cgaagtggct	540
90	cattatccgca	tgactgcccga	tggccggctt	ccagctgacc	agcgccgtgg	ctacaaaaat	600
92	gtgttaaacg	ccctgattcg	aatcaccgg	gaagagggtg	tcctcacact	gtggcggggc	660
94	tgcacatcccta	ccatggctcg	ggccgtcg	gtcaatgctg	cccagctcgc	ctccctactcc	720
96	caatccaagc	agtttctact	ggactcaggc	tacttctctg	acaacatctt	gtgccacttc	780
98	tgtgccagca	tgatcagcgg	tcttgtcacc	actgtgcct	ccatgcctgt	ggacattgcc	840
100	aagacccgaa	tccagaacat	gcggatgatt	gatgggaagc	cggaatacaa	gaacgggctg	900
102	gacgtgtgt	tcaaagtgt	ccgctacgag	ggcttcttca	gcctgtggaa	ggcttcacg	960
104	ccgtactatg	ccgcctggg	cccccacacc	gtcctcacct	tcatcttctt	ggagcagatg	1020
106	aacaaggcct	acaagcgtct	cttcctcagt	ggctgaagcg	gccggggct	cccaactcgcc	1080
108	tgcgtgcct	atagccactg	cgcctgggg	gcctgggctc	tgctgcctg	gaccctcta	1140
110	tttattttccc	tccacagtg	tggtttcttc	ctctgcggta	aaggacttgg	tctttctac	1200
112	ccctgcctcc	agcttgcct	gctcgtcctg	atctgtgat	ttctctgtcc	ttggctattc	1260
114	ttgcagggag	ctggaaaact	tcctgaggat	ttctggcctc	ccctgggtt	ttagttcag	1320
116	ggcacacagg	acagcagaag	atccccttg	tcagtggga	aaccaaggca	gagctgaggg	1380
118	gacagggagg	agcagaagcc	atcaagatgg	tcaaaggcct	tgcagaggg	gatgtggccc	1440
120	ttccctccccc	tcattgagga	cttaataat	tggattgatg	acaccaaaaa	aaaaaaaaaa	1500
122	aaa						1503

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/888,264

DATE: 10/01/2001

TIME: 10:52:56

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\10012001\I888264.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date